

**Abstract:**

The invention relates to immunogenic constructs basically comprising two different regions of the transmembranous envelope protein of enveloped viruses, including retroviruses, including HIV, and to a pharmaceutical agent for inducing humoral neutralizing immune responses to viral infections, and to a kit for the detection of antibodies and viral antigens. The invention also relates to a method for inducing an antibody response and to a method for the passive immunization of an organism using neutralizing antibodies obtained using the above-mentioned immunogenic constructs, and to a bioassay for detecting viral infection and for detecting the formation of neutralizing antibodies.